

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-37 (Canceled)

38. (Currently amended) A method of inhibiting cytoadherence of parasitized cells in a subject parasitized by a *Plasmodium* species, ~~for inhibiting, retarding or killing of any life cycle stages of a *Plasmodium* species~~, said method comprising administering to said subject ~~a host parasitized by said *Plasmodium* species~~ an agent for a time and under conditions sufficient to inhibit or reduce pathologic adherence properties of the parasitized cells, wherein said agent is L-arginine, NO gas, and/or an S-nitrosothiol compound.

39. (Canceled)

40. (Previously amended) A method according to claim 46 wherein the *Plasmodium* species is *Plasmodium falciparum*.

41. (Previously amended) A method according to claim 38 wherein the agent is administered by inhalation.

42-45 (Canceled)

46. (Previously added) A method according to claim 38, wherein the *Plasmodium* species is selected from the group consisting of *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium ovale*, and *Plasmodium malariae*.

47. (Canceled)

48. (Previously added) The method of claim 38 wherein the S-nitrosothiol compound is either S-nitrosoglutathione or S-nitrocysteine.